

Table 5. Maximum Quantity of Hazardous Materials Stored at Yucca Mountain During 2002

Category ^a	Material	EHS ^b	Max Qty ^c
C.7	Acetylene		3,850 ft ³
C.7	Carbon Monoxide		108 ft ³
C.7	HFC-134A (1,1,1,2-Tetrafluoroethane)		30 lbs
C.7	Hydrogen Sulfide in Nitrogen		6 ft ³
C.7	Nitrogen		2,000 ft ³
C.7	Nitrogen Dioxide in Nitrogen	X	15 ft ³
C.7	R-12 (Dichlorodifluoromethane)		145 lbs
C.7	Oxygen		6,802 ft ³
C.7	Hydrogen		400 ft ³
F.3	Acetone		109 lbs
F.3	Cooler Coating (petroleum distillate)		8 gal
F.3	Diesel Fuel		57,600 lbs
F.3	DP-Lubricant Blue (Ethanol)		40 lbs
F.3	Exterior Oil Primer #2110 (Stoddard Solvent)		1,430 lbs
F.3	Exterior Oil Primer #2516 (Stoddard Solvent)		1,138 lbs

Table 5. Maximum Quantity of Hazardous Materials Stored at Yucca Mountain During 2002
(Continued)

Category ^a	Material	EHS ^b	Max Qty ^c
F.3	Gasoline		63,590 lbs
F.3	Isopropyl Alcohol		101 lbs
F.3	Kerosene		719 lbs
F.3	Lacquer Thinner (Bortz 666B)		144 lbs
F.3	Mineral Spirits		132 lbs
F.3	Paint (Devguard)		62 gal
F.3	PF Degreaser (Degreaser Solvent)		20 lbs
F.3	Primer (Devguard)		60 gal
F.3	PVC Cement		205 lbs
F.3	PVC Primer		124 lbs
F.3	QB-300 Adhesive (Treated Heavy Naphtha)		49 lbs
H.1	Antifreeze		4,456 lbs
H.1	Waste Antifreeze		110 gal
H.1	Cement		107,600 lbs
H.1	Greases, Lubricants, Oils		46,195 lbs
H.1	Hydrochloric Acid		208 lbs
H.1	Lithium Bromide		52,391 lbs
H.1	Nitric Acid	X	3 lbs
H.1	Sodium Hydroxide		800 lbs
H.1	Sulfuric Acid	X	6,582 lbs
H.1	Terraset Part A (Sodium Silicate)		6,009 lbs
H.1	Terraset Part B (Glycerol Esters)		4,607 lbs
H.1	Waste Oil		12,257 lbs
H.1	Americium-241 (sealed source)		9.86E+02 mCi
H.1	Americium-Beryllium-241 (sealed source)		4.85E+01 mCi
H.1	Americium-Beryllium-241 (sealed source)		4.87E+01 mCi
H.1	Americium-Beryllium-241 (sealed source)		9.53E+02 mCi
H.1	Americium-Beryllium-241 (sealed source)		4.85E+01 mCi
H.1	Americium-Beryllium-241 (sealed source)		4.89E+03 mCi
H.1	Cesium-137 (sealed source)		1.89E+02 mCi
H.1	Cesium-137 (sealed source)		2.60E+01 mCi
H.1	Cesium-137 (sealed source)		3.29E+01 mCi
H.1	Nickel-63 (sealed source)		4.82 E+00 mCi
H.1	Nickel-63 (sealed source)		4.82E+00 mCi
L.1	Propane		17,275 lbs

NOTES: mCi = millicurie

^a C.7 = Compressed gases at normal temperatures and pressures, F.3 = Flammable or combustible liquids, H.1 = Other hazardous materials, L.1 = Liquefied Petroleum Gas.

^b EHS = Extremely Hazardous Substance, per EPCRA Section 302.

^c Values are presented in the unit of measure reported to regulatory agencies.